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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of

Ahmed Sallam

Application No.: 10/814,843

Filed: March 30, 2004

For: Using Mobility Tokens To Observe
Malicious Mobile Code

Confirmation No.: 6495

Group Art Unit: 2161

Examiner: Safet Metjahic

**INFORMATION DISCLOSURE
STATEMENT**

SONNENSCHN NATH & ROSENTHAL LLP
Customer No. 45969

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 29, 2005.

SONNENSCHN NATH & ROSENTHAL LLP

Dated 08/29/05 By: Jeffrey Brill
Jeffrey Brill

Sir:

Applicant submits herewith patents, publications or other information [attached hereto and listed on the attached Form PTO-1449 (modified)] of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits, or before a first office action after filing a Request for Continued Examination under §1.114.
- (d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is

known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.

- (e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and the Issue Fee has not been paid, and is accompanied by the fee (\$130) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

A list of the patent(s) or publication(s) is set forth on the attached Form PTO-1449 (Modified). A copy of the items on PTO-1449 (Modified) is supplied herewith, except for issued United States Patents and Published United States Patent Applications.

A concise explanation of relevance of the items listed on form PTO-1449 (Modified) is:

(h) ☐ not given

(i) ☐ given for each listed item

(j) ☒ given for only non-English language listed item(s) The von Babo reference enclosed herewith pertains to the infestation of computer files by viruses. The viruses can reside in data files and backups thereto.

(k) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

The Examiner is reminded that a "concise explanation of the relevance" of the submitted items "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention," MPEP § 609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement

complies with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

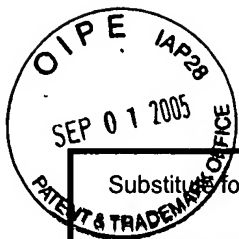
The Commissioner is hereby authorized to charge our Deposit Account No. 19-3140, for any fees required in connection with the filing of this Information Disclosure Statement. **A duplicate copy of this Notice is enclosed for this purpose.** In particular, in the event that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to CFR §§ 1.17(p) or 1.17(i)(1).

Respectfully submitted,
SONNENSCHN NATH & ROSENTHAL LLP

Dated: 8/29/05

By: 

Jeffrey Brill,
Reg. No. 51,198
Attorney of Record
Attorneys for Applicant(s)



Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/814,843
				Filing Date	March 30, 2004
				First Named Inventor	Ahmed Sallam
				Group Art Unit	2161
				Examiner Name	Safet Metjahic
(use as many sheets as necessary)				Attorney Docket Number	44420423-8591
Sheet	1	of	4		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		4,776,537	10/11/1988	Kennicott	
		4,888,798	12/18/1989	Garsude et al.	
		5,050,212	09/17/1991	Earnest	
		5,103,476	04/07/1992	Waite et al.	
		5,182,770	01/26/1993	Medveczky et al.	
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		5,854,759	12/29/1998	Kaliski Jr. et al.	
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		6,000,032	12/07/1999	Millard	
		6,014,744	01/11/2000	McKaughan et al.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
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				First Named Inventor	Ahmed Sallam
				Group Art Unit	2161
Examiner Name	Safet Metjahic				
Sheet	2	of	4	Attorney Docket Number	44420423-8591

		6,014,767	01/11/2000	Glaise	
		6,048,090	04/11/2000	Zook	
		6,061,788	05/09/2000	Reynaud et al.	
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		US 2004/0015726	01/22/2004	Szor, Peter	
		US 2004/0162808	08/19/2004	Margolus et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0858031 A1	08/12/1998	IBM		
		WO 93/25024 A1	12/09/1993	Cyberlock Data Intelligence		
		WO 95/15522 A1	06/08/1995	Robert Jones		
		WO 95/22794 A1	08/24/1995	Apple Computer		
						<input type="checkbox"/>

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Examiner Name	Safet Metjahic				
Sheet	3	of	4	Attorney Docket Number	44420423-8591

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	CiteNo. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		RICHTER, J., Microsoft.com web pages (online). "Design a Windows NT Service to Exploit Special Operating System Facilities", October 1997 (retrieved 2003-08-29). Retrieved from the Internet: <URL: http://www.microsoft.com/msj/1097/winnt.aspx .	
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		News Release – Symantec Delivers Cutting-Edge Anti-Virus Technology with Striker32", October 1, 1999, 2 pages, [online]. Retrieved on November 11, 2003. Retrieved from the Internet:<URL: http://www.symantec.com/press/1999/n991001.html >. Author unknown.	
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Sheet	4	of	4	Attorney Docket Number	44420423-8591

		"Description of Windows 2000 Windows File Protection Feature (Q222193)", [online], first published May 26, 1999, last modified January 12, 2002, [retrieved on 4/9/2002] Retrieved from the Internet <URL: http://support.microsoft.com/default.aspx?scid=kb:EN-US;q222193 >.	
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		MACNAMRA, JOHN E., "Technical Aspects of Data Communication", 2ed. 1982, Digital Equipment Corporation, U.S.A. pp. 110-122.	
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		NAIR, et al., "A Symbol Based Algorithm for Hardware Implementation of Cycle Redundancy Check", IEEE, 1997.	
		"PC Medic 97 User's Guide" Manual, McAfee Associates, Inc., 1997, 60 pages	
		Symantec Corporation, "Norton Utilities for Windows User's Guide - Version 2.0", 1996.	
		Symantec Corporation "Norton AntiVirus Corporation Edition 7.0" Manual, 1999, Version 1, 44 pages	

Examiner Signature		Date Considered	
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